

Curzon MEJ, Duggal MS, Fayle SA, Koch G, Robertson AJ & Toynba KJ Restorative Techniques in Paediatric Dentistry: An Illustrated Guide to the Restoration of Carious Primary Teeth Taylor & Francis.

Deery C, Hosey TM & Waterhouse P Paediatric Cariology Quintessence Publishing Co Inc

MacDonald RE, Avery DR & Dean JA (2004) Dentistry for the Child and Adolescent, 8th edition Mosby

Malamed SF (2004) Handbook of Local Anesthesia 5th edition Mosby.

Malamed SF (2004) Malamed's Local Anesthesia Administration DVD Mosby

Pinkham JR, Casarnassimo PS, Fields HW, McTigue DJ & Nowak A (2005) Pediatric Dentistry: Infancy Through Adolescence 4th edition Mosby.

Roberts G & Scheer B (2006) Oral and Dental Trauma in Children and Adolescents 2nd edition Oxford University Press

Scully C, Welbury R, Flaitz C & de Almeida OP Colour Atlas of Orofacial Health and disease in Children and Diagnosis and Management 2nd edition, Taylor & Francis, A Martin Dunitz Book.

Hosey MT & Chadwick BL. QuintEssentials 9—Child Taming: How to Manage Children in Dental Practice Quintessence Publishing Co Inc

Welbury RR, Duggal MS & Hosey MT (eds)(2005) Paediatric Dentistry 3rd edition Oxford University Press.

SYLLABUS / COURSE DETAILS FOR:

ORAL & MAXILLOFACIAL SURGERY:

Introduction:

The branch of dentistry that deals with the diagnosis and treatment of dental and oromaxillofacial injury, deformity, and disease by manual and instrumental means. A surgical operation or procedure, especially one involving the removal or replacement of a diseased tooth / teeth or orofacial tissue is involved.

| Course Description / Objectives | Suggested Lecture Hours |
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| Introduction to Oral Surgery Definition, Scope, Aims & Objectives of the | 2 |

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| Clerking & Consent History taking, Examination, Investigations, Role of Consent. | 3 |
| Instrumentation Type & Uses of Instruments | 3 |
| Prescribing in Oral Surgery Use & Application of Drug s including Analgesics, Antibiotics etc. Drugs Interaction, Special Group | 4 |
| Routine Investigations Interpretation of Routine of Haematological, Chemical and Radiological Investigations | 3 |
| Principles of Surgery Incisions, Flaps, Sutures, Biopsy, MOS Techniques and Bone Cutting & Removal. | 5 |
| Extraction of Teeth Indications, Individual Teeth Instrumentation, Positioning & Techniques, Steps of Extraction, Post-operative Instructions and Complications of Extraction. | 7 |
| Surgical Extractions Indications, Techniques, Assessment, Flap Design, Bone Removal, Tooth Sectioning, Wound Closure, Post-operative Instructions and Complications. Impacted Teeth Definition, Etiology, Classification, Indications, Assessment, Flap Design, Bone Removal, Sectioning, Wound Closure, Post-Operative Care and Complications | 5 |
| Surgical Endodontics Indications, Assessment, Flap Design, Technique Wound Closure, Post-Operative Instructions and Complications. | 3 |
| Medically Compromised Patients Management of Oral Surgery in cases with Bleeding Disorders, Immunocompromised, Ischemic & Congenital Heart Diseases, Deficiency States, Endocrinal & Respiratory Disorders, Bone Disorders, Liver Disease and Malignancy | 4 |
| Dento-alveolar Injuries Classification, Etiology, Management | 4 |
| Minor Oral Surgery Procedures Biopsy, Frenectomy Labial & Lingual, Alveolectomy & Alveoloplasty, Cryosurgery, Laser Excisions. | 5 |
| Local Anesthesia Definition, Types, Classification, | 4 |

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| Application, Techniques and Complications. | |
| Sedation Techniques Agents, Uses, Complications. | 4 |
| General Anesthesia Definition, Classification, Types, Indications, Stages of Anesthesia, Monitoring, Intubation & Pre-Anesthetic Evaluation, Pre-medication and Complications | 4 |
| Emergency In Dental Office Chest Pain, Fainting, Inhalation, Respiratory Embarrassment | 4 |
| Pain Control Methods of Pain Control Including Analgesics, Pain Control in Neuralgias. | 4 |
| Dento-Facial Pain Pain Arising from Teeth, Periodontium, TM Joint, Salivary Glands, Mucosa, Muscles, Maxillary Sinus, Vascular, Neurological and Psychogenic. Their Management | 4 |
| Oro-dental Infections Etiology, Spread of Infection, Facial Spaces, Clinical Features, Diagnosis, Management and Complications. | 4 |
| Cysts Definition, Classification, Clinical Features, Diagnosis, Management & Complications. | 4 |
| Odontogenic Tumours Definition, Classification, Clinical Features, Diagnosis, Management & Complications. | 4 |
| Bone & Fibro-osseous Lesions Osteopetrosis, Paget's Disease, Hyperparathyroidism, Rickets, Fibrous Dysplasia. | 4 |
| Pre-prosthetic Surgery Ridge Reduction & Augmentation, Sulcus Deepening Procedures etc | 4 |
| Maxillary Sinus Disorders Definition, Classification, Clinical Features, Diagnosis, Management & Complications | 4 |
| Dental Implants Introduction, Indication, Types, Procedures and Complications. | 4 |

ELECTIVE & SELECTIVE PROJECTS:

The aim of these projects is to encourage students to acquire problem solving skills, attain critical thinking attitude and to understand the importance of research and presentation and communication skills.